

PLUGGING RECORD

Instructions: Within thirty days following the plugging of a dry hole, or the abandonment of a producing well, the owner or operator shall submit this form in duplicate for wells on patented or Federal lands, and in triplicate for wells on State lands. Geological information will be held confidential for a period of twelve months if requested in writing. Fill out form as completely as possible.

Operator

Pan American Petroleum Corporation

Address

P. O. Box 1031 Kimball, Nebraska

Well Number

16

Lease Name

Vowers Unit

Field and reservoir (If wildcat, so state)

Vowers

Location

SW NW

Sec. 34

Twp. 17N

Range 54W

County

Banner

Footage Location

1974 ft. from (N) ~~XX~~ line, 664 ft. from ~~XX~~ (W) line of NW 1/4 Sec. 34

Spud Date

5-11-62

Date reached T.D.

5-19-62

Date Plugged

5-27-62

Total Depth

5914

P. B. T. D.

5800

Elevation

4665

Reference (indicate)

(KB) ~~XXXX~~

Producing rate on initial completion

Oil (bbls/day)

Gas (MCF/day)

Water (bbls/day)

Application to drill this well was filed in name of:

Pan American Petroleum Corporation

Producing rate at time of abandonment

Oil (bbls/day)

Gas (MCF/day)

Water (bbls/day)

CONDITION OF HOLE

Name each formation containing oil or gas. Indicate which formations open to well bore at time of plugging.

Fluid Content

Depth Interval

Size, kind and depth of plugs used. Indicate zones squeeze cemented giving amount of cement.

J Sand

Set Bridge Plug at 5815' x dump

1 sack cement on top.

Size, kind and depth of any additional plugs

CASING RECORD

Size casing in O. D.

Weight lbs/ft.

Setting Depth

Amount Recovered

Amount left in well

Method of parting (shot, ripped, etc.)

8-5/8

24

490

0

481

5-1/2

14

5909

0

5904

Was hole filled with mud-laden fluid?

If this well was plugged back for use as a fresh water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface owner authorizing completion of this well as a fresh water well and agreeing to assume full liability for subsequent plugging which may be required.

I/We hereby swear or affirm that the statements herein made are complete and correct.

(If new dry hole, complete well log on reverse side of form)

Area Superintendent

June 4, 1962

Date

WELL LOG

Show important formations penetrated, with tops. Detail all cores. Report all drill stem tests, giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, fluid recovery and flow rate if gas to surface during test. Attach copy of log.

Top "D" Sand 5695', Top "J" Sand 5823'

DST #1

5846' - 5860' "J" Sand. ISI 30 min. Tool open 1 hr. FSI 1 hr. Weak blow throughout test. No gas to surface. Rec. 325' drl mud x 315' muddy water. ISIP 2464#, IFP 235#, FFP 275#, FSIP 1223#, IHP 3037#, FHP 2860#, Recorder #1385 at 5831'. ISIP 2456', IFP 240#, FFP 275#, FSIP 1232#, IHP 3000#, FHP 2740#. Recorder No. HT 23 Set at 5856'.

DST #2

5696-1/2' - 5705' "D" Sand. ISI 1/2 hr. Tool open 1-1/2 hrs. SI 1 hr. Good blow throughout test. Gas to surface in 12 min. Rec. 1850' of oil x 180 ft. oil cut muddy water. ISIP 1297#, IFP 104#, FFP 419#, FSIP 1263#, IFP 3024#, FHP 3010#.

Completed as dry hole in "J" Sand 5-27-62. To be recompleted in "D" Sand and redesignated as P. C. Ostgren Well #15.

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Operator

Stanco Petroleum, Inc.

Address

P.O. Box 202; Kimball, NE 69145

Well Number

15

Lease Name

Peterson Unit

Field and reservoir (If wildcat, so state)

Vowers "D"

Location

SW NW

Sec. 34

Twp. 17N

Range 54W

County

Banner

Footage Location

1974 ft. from (N) ~~XX~~ line, 664 ft. from ~~XX~~ (W) line of NW 1/4

Spud Date

5-11-62

Date reached T.D.

5-19-62

Date Plugged

4-7-95

Total Depth

5914

P. B. T. D.

5800

Elevation

4665

Reference (indicate)

(KB) ~~XXXX~~

Producing rate on initial completion

Oil (bbls/day)

276

Gas (MCF/day)

18

Water (bbls/day)

18

Application to drill this well was filed in name of:

Pan American Petroleum Corp.

Producing rate at time of abandonment

Oil (bbls/day)

1

Gas (MCF/day)

0

Water (bbls/day)

50

CONDITION OF HOLE

Name each formation containing oil or gas. Indicate which formations open to well bore at time of plugging.

Fluid Content

Depth Interval

Size, kind and depth of plugs used. Indicate zones squeeze cemented giving amount of cement.

"D" Sand

Oil & Water 5696-5700

Sand to above perforations

15 sacks of cement in and out bottom of surface pipe
10 sacks of cement at top of surface pipe
cut and capped well below ground level

3 sacks of cement on top of sand

Size, kind and depth of any additional plugs

Bridge plug previously set at 5815' with cement on top

CASING RECORD

Size casing in O. D.

Weight lbs/ft.

Setting Depth

Amount Recovered

Amount left in well

Method of parting (shot, ripped, etc.)

5 1/2"

14#

5909

1560

4349

ripped

8 5/8"

24#

490

-

490

Was hole filled with mud-laden fluid? yes

If this well was plugged back for use as a fresh water well, give pertinent details of plugging operations to base of fresh water sand. Attach letter from surface owner authorizing completion of this well as a fresh water well and agreeing to assume full liability for subsequent plugging which may be required.

I/We hereby swear or affirm that the statements herein made are complete and correct.

(If new dry hole, complete well log on reverse side of form)

PRESIDENT

5-19-95

Signature

Title

Date